

Response Under 37 CFR 1.116  
Expedited Procedure  
Examining Group 2631

Serial No. 09/752,637

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

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Patent Application

**Inventor(s):** G.J. Foschini  
C.B. Papadimas  
**Case:** 12-6  
**Serial No.:** 09/752,637 **Group Art Unit:** 2631  
**Filed:** December 29, 2000  
**Examiner:** T. Bocure  
**Title:** Open-Loop Diversity Technique For Systems Employing Four Transmitter Antennas

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450  
SIR:

**RESPONSE AFTER FINAL REJECTION**

This communication is in response to the Office Action June 28, 2005.

**Remarks**

Claims 1-4, 6-12, 14-19, and 21-60 are pending in the application.

Claims 42-60 stand allowed.

Claims 2, 8, 11, 12, 23, and 24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form to include the limitations of the base claim and any intervening claims.

Claims 1, 3, 6, 7, 9, 10, 14-19, 21, 22, 25, 27-35, 37 and 41 are rejected under 35 U.S.C. 102(e) as being anticipated by United States Patent No. 6,804,307 issued to Popovic on October 12, 2004.

Claims 26 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Popovic.

Claims 36, 38, and 39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Popovic in view of United States Patent No. 6,775,620 issued to Dabak et al. on August 10, 2004.